

# Comparisons of Job Characteristics

Focus Occupation: **Construction Managers (11-9021)**

Associated Occupation: **Cost Estimators (13-1051)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 68

Focus Occupation: Construction Managers (11-9021)

Associated Occupation: Cost Estimators (13-1051)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mathematics	9.2	19.0	12.6	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	14.6	15.3	0	Current knowledge level may be sufficient
Economics and Accounting	4.4	11.0	9.1	<	Expanded education and/or training may be required
Design	5.2	10.6	14.4	>>	Current knowledge level is likely more than sufficient
Building and Construction	4.0	9.1	22.2	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Construction Managers (11-9021)

Associated Occupation: Cost Estimators (13-1051)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mathematics	6.2	13.5	10.4	<<	Extensive development of skills in this area may be required
Management of Financial Resources	3.3	11.9	12.2	0	Current skill level may be sufficient
Systems Analysis	6.5	10.1	10.7	0	Current skill level may be sufficient
Management of Material Resources	3.7	8.3	10.4	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 89			
Focus Occupation: Construction Managers (11-9021) Associated Occupation: Cost Estimators (13-1051)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Number Facility	6.3	14.6	11.0	<<	Extensive improvement in abilities may be required
Mathematical Reasoning	6.3	13.9	11.0	<	Some improvement in abilities may be required
Oral Comprehension	12.5	13.3	14.5	0	Current ability level may be sufficient
Oral Expression	12.4	13.3	13.5	0	Current ability level may be sufficient
Deductive Reasoning	10.6	12.6	13.0	0	Current ability level may be sufficient
Written Comprehension	11.0	12.3	13.5	0	Current ability level may be sufficient
Speech Recognition	9.9	11.4	10.7	0	Current ability level may be sufficient
Near Vision	11.1	11.3	12.2	0	Current ability level may be sufficient
Written Expression	9.8	11.2	11.4	0	Current ability level may be sufficient
Fluency of Ideas	7.6	10.1	9.3	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 77
Focus Occupation: Construction Managers (11-9021) Associated Occupation: Cost Estimators (13-1051)		
Work Activities	Exclusivity of Activity	
Compute cost estimates of construction or engineering projects	92	
Estimate materials or labor requirements	61	
Estimate time or cost for installation, repair, or construction projects	54	
Interpret maps for architecture, construction, or engineering project	77	
Negotiate business contracts	60	
Understand construction specifications	53	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 88

**Focus Occupation: Construction Managers (11-9021)**  
**Associated Occupation: Cost Estimators (13-1051)**

Tools and Technologies	Exclusivity
Business function specific software	1
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.